

Response to Reviewers' comments

We thank all the reviewers and the editor for their suggestions and comments. We believe we have answered them in full, and this has strengthened our manuscript. The detailed responses, together with indications of specific changes in the manuscript are provided below. The changes in response to reviewer comments are highlighted in yellow in the manuscript text. We are prepared to make further changes in case any of your concerns were not adequately addressed.

Reviewer Code 01214757:

This article is an original and valuable article. It may interest readers. The article contains important and contributing information. This article is acceptable for printing.

Response: Thank you for your review.

Reviewer Code 00506472

It is a well written retrospective case series of patients with Turner syndrome who had at least one cardiovascular surgery. Baseline clinical data, echocardiographic reports, operative reports and surgical hospital courses were reviewed. Long-term mortality was investigated and survival analysis was performed. More similar reviews need to be referenced and discussion over novel or similar findings of this manuscript compared to other reviews should be conducted. Please see a list of similar reviews below: 1. Ann Thorac Surg. 2019 Nov;108(5):1430-1437. doi: 10.1016/j.athoracsur.2019.05.047. Epub 2019 Jul 9. Congenital Heart Surgery Outcomes in Turner Syndrome: The Society of Thoracic Surgeons Database Analysis. Chew JD(1), Hill KD(2), Jacobs ML(3), Jacobs JP(4), Killen SAS(5), Godown J(5), Wallace AS(2), Thibault D(2), Chiswell K(2),

Bichell DP(6), Soslow JH(5). 2. Congenit Heart Dis. 2017 Dec;12(6):820-827. doi: 10.1111/chd.12521. Epub 2017 Jul 24. Congenital heart disease and cardiac procedural outcomes in patients with trisomy 21 and Turner syndrome. Morales-Demori R(1). 3. Pediatr Cardiol. 2014 Aug;35(6):1080-1. doi: 10.1007/s00246-014-0913-7. Epub 2014 May 7. Surgical outcomes for patients with Turner syndrome. Versacci P(1), Silvestri LM, Maiolo S, Marino B. 4. Pediatr Cardiol. 2014 Feb;35(2):253-60. doi: 10.1007/s00246-013-0766-5. Epub 2013 Aug 10. The spectrum of congenital heart disease and outcomes after surgical repair among children with Turner syndrome: a single-center review. Cramer JW(1), Bartz PJ, Simpson PM, Zangwill SD. 5. Am J Cardiol. 2012 Aug 15;110(4):580-5. doi: 10.1016/j.amjcard.2012.04.036. Epub 2012 May 22. Frequency and outcomes of cardiac operations and catheter interventions in Turner syndrome. Madriago E(1), Nguyen T, McFerson M, Larson EV, Airhart N, Moller JH, Silberbach M.

Response: Thank you for your review. Reference #5 was already directly addressed in our discussion. We have expanded our discussion to particularly address reference #1 – we appreciate the reviewer identifying this newly-published series. We feel that these two series are the largest and most applicable to our series, and therefore have focused our comparison comments on them.